

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: Estimate for Improvements to CC Roads and Drains and Providing Covering Slab at Vinayakanagara Cross Roads in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.

		Estimate Cost:						2000000.00	
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2. Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m; excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. Page No. 152 / Item No. 19.2 / PWD SR 2013-14	Cum							
	For CC Road Masidhi Road		1	95.00	4.50	0.20	85.50		
	8th B Cross		1	75.00	4.10	0.15	46.13		
	8th C Cross		1	80.00	4.30	0.15	51.60		
	Air Force Compound Side		1	102.00	0.60	0.45	27.54		
			1	75.00	0.60	0.45	20.16		
			1	80.00	0.60	0.45	21.60		
							252.53	90.72	22909.00
	Basic Rate	84.00							
	Area Weightage @8%	6.72							
	Total	90.72							
2	KSRRB M300-53: Construction of embankment with approved material gravel/murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murum, watering charges & compaction by vibratory roller) MORTH specification No. 305, No. 159 / Item No. 19.60 / PWD SR 2013-14	Cum							
	Masidhi Road		1	93.00	4.00	0.25	93.00		
	8th B Cross		1	75.00	4.50	0.25	83.88		
	8th C Cross		1	80.00	4.30	0.25	86.00		
							262.88	163.24	42913.00
	Basic Rate	154.00							
	Area Weightage @ 6%	9.24							
	Total	163.24							
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs using 40mm and down size graded granite metal, coarse aggregates @ 0.85 cum and fine aggregates @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth , including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Page No. 12 /Item No. 4.3 PWD SR - 2013-14	Cum							

Description	Unit	No.	L	B	D	Qty	Rate	Amount
Masidhi Road		1	95.00	4.50	0.15	64.13		
8th B Cross		1	75.00	4.00	0.15	45.00		
8th C Cross		1	80.00	4.30	0.15	51.60		
CC Drain vent Concrete Airforce Comound Side		1	102.00	0.60	0.10	6.12		
		1	75.00	0.60	0.10	4.50		
		1	80.00	0.60	0.10	4.80		
						176.48	4290.84	757247.00
Basic Rate	3973.00							
Area Weightage @ 8%	317.84							
Total	4290.84							
4 KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No.17 / Item No. 4.31 PWD SR - 2013-14	Sqm							
Airforce Comound Side		1	102.00		0.75	76.50		
		1	75.00		0.75	56.25		
		1	80.00		0.75	60.00		
Covering Slab Sides		2	102.00		0.15	30.60		
		2	75.00		0.15	22.50		
		2	80.00		0.15	24.00		
For Road Work Masidhi Road		2	95.00		0.15	28.50		
8th B Cross		2	75.00		0.15	22.50		
8th C Cross		2	80.00		0.15	24.00		
						346.50	271.08	93929.00
Basic Rate	251.00							
Area Weightage @ 8%	20.08							
Total	271.08							
5 KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum wuth superplastisier @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 Page No. 13 / Item No. 4.11 PWD SR - 2013-14	Cum							
Airforce Comound Side Covering Slab		1	102.00	0.90	0.10	9.15		
		1	75.00	0.90	0.10	6.75		
		1	80.00	0.90	0.10	7.20		
						23.10	5639.76	130278.00
Basic Rate	5222.00							

	Description	Unit	No.	L	B	D	Qty	Rate	Amount
9	Area Weightage @ 8%	417.76							
	Total	5639.76							
6	KS RB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Page No. 19 / Item No. 4.46.2 PWD SR 2013-14 TMT bar Fe 500	Qntl							
			0.65	23.10			15.02		
							15.02	7450.92	111876.00
	Basic Rate	6899.00							
	Area Weightage 8%	551.92							
	Total	7450.92							
7	KSRRB M2600-3: Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, No. 251 / Item No. 31.3 PWD SR 2013-14	M							
			9	4.50			40.50		
			7	3.65			25.60		
			7	4.30			30.10		
							96.20	137.16	13195.00
	Basic Rate	127.00							
	Area Weightage @ 8%	10.16							
	Total	137.16							
8	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. Page No. 19 / Item No. 4.48.1/ PWD SR 2013-14	Cum							
	Masidhi Road		1	95.00	4.50	0.10	42.75		
	8th B Cross		1	75.00	4.00	0.10	30.00		
	8th C Cross		1	80.00	4.30	0.10	34.40		
							107.15	6464.88	692712.00
	Basic Rate	5986.00							
	Area Weightage @ 8%	478.88							
	Total	6464.88							

(Rs. Twenty Lakhs Only)

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2013-14.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Adil Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92.

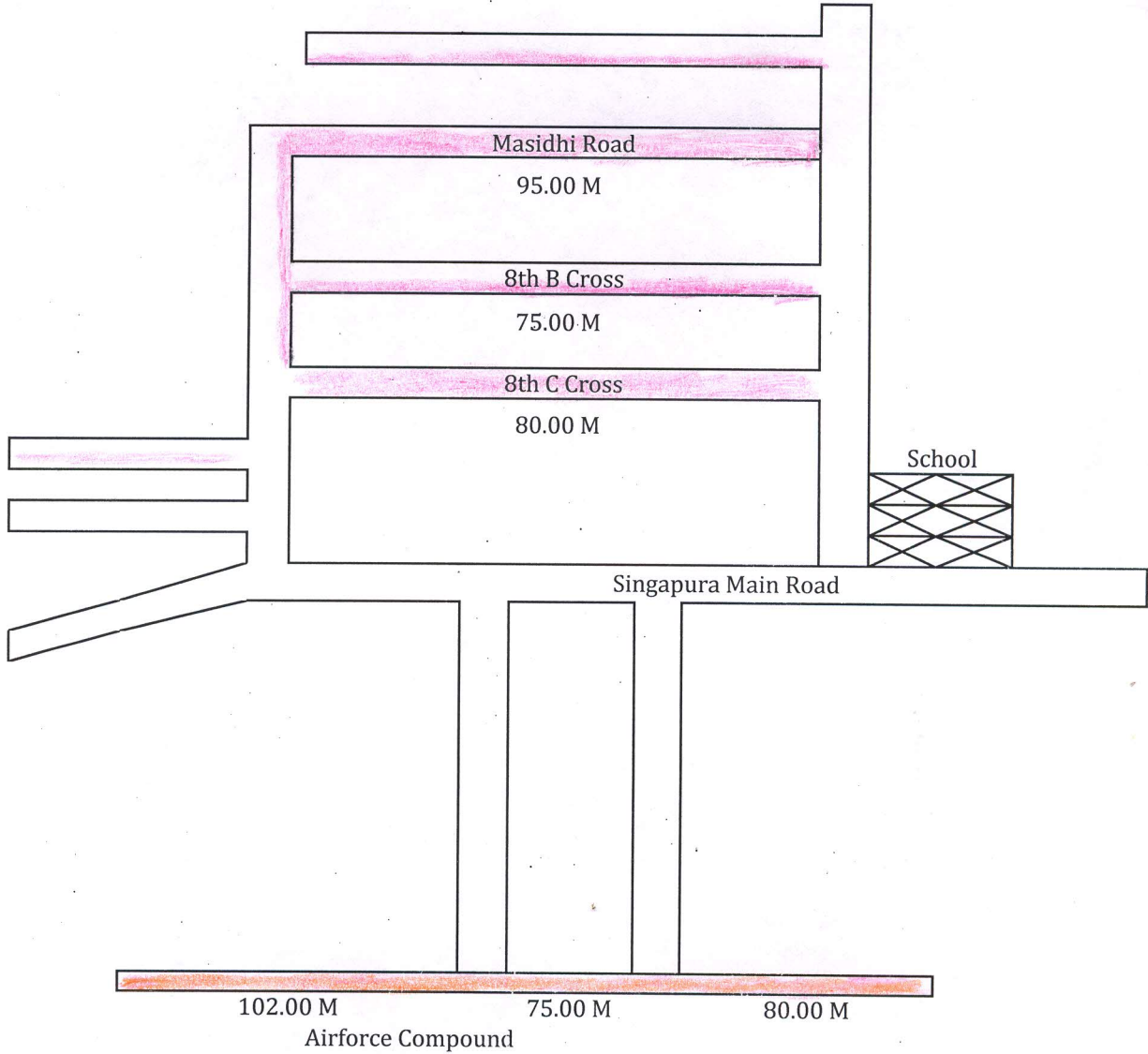
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidayranyapura Sub Division

Page 4 of 4

AEJE

EE (BTP, PK, V)

Name of Work: Improvements to CC Roads and Drains and Providing Covering Slab at Vinayakanagara Cross Roads in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.



INDEX:

 - CC Road

 - Existing Drain Covering Slab

Junior Engineer
Ward No. 11

Assistant Executive Engineer
Vidyaranyapura Sub Division
ಬಿ. ಬಿ. ಮ. ಸಾ. ಬೆಂಗಳೂರು-97